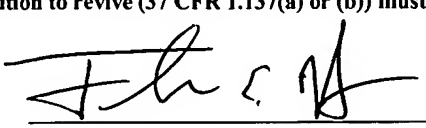


TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER P30753US00 U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/590211 Be Assigned
INTERNATIONAL APPLICATION NO. PCT/EP2005/001897	INTERNATIONAL FILING DATE 23 February 2005	PRIORITY DATE CLAIMED 23 February 2004
TITLE OF INVENTION Methods for Genetic Diversification in Gene Conversion Active Cells		
APPLICANT(S) FOR DO/EO/US Jean-Marie BUERSTEDDE <i>et al.</i>		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input checked="" type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input checked="" type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US); however, a courtesy copy is attached. 6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4) and a courtesy copy is enclosed. 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). <p>Items 11 to 20 below concern document(s) or information included:</p> <ol style="list-style-type: none"> 11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input checked="" type="checkbox"/> A preliminary amendment. 14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825. 18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 20. <input checked="" type="checkbox"/> Other items or information: a copy of a Notification Concerning Submission or Transmittal of Priority Document, a copy of a Second and Supplementary Notice Informing the Applicant of the Communication of the International Application, and a copy of a First Notice Informing the Applicant of the Communication of the International Applicant 		

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) To Be Assigned 10/590211		INTERNATIONAL APPLICATION NO. PCT/EP2005/001897		ATTORNEY'S DOCKET NUMBER P30753US00	
21. The following fees are submitted: <input checked="" type="checkbox"/> a) Basic national fee.....\$300.00 <input checked="" type="checkbox"/> b) Examination fee.....\$200.00 <input checked="" type="checkbox"/> c) Search fee\$500.00 TOTAL OF ABOVE CALCULATIONS = \$1000.00				Applicant use	Office use only
				\$ 300.00	
				\$ 200.00	
				\$ 500.00	
				\$ 1,000.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (including sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
44 - 100 =	0 / 50 =	0	x \$250.00	\$ 0.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$ 00.00	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	43 - 20 =	23	x \$50.00	\$ 1,150.00	
Independent claims	3 - 3 =	3	x \$200.00	\$ 00.00	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360.00	\$	
TOTAL OF ABOVE CALCULATIONS =				\$ 2,150.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$	
SUBTOTAL =				\$ 2,150.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				+	\$
TOTAL NATIONAL FEE =				\$ 2,150.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.21). \$40.00 per property				+	\$
TOTAL FEES ENCLOSED =				\$ 00.00	
				Amount to be refunded:	\$
				Amount to be charged	\$2,150.00
a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed. b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. 50-2387 in the amount of \$ <u>2,150.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-2387. A duplicate copy of this sheet is enclosed. d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.					
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.					
SEND ALL CORRESPONDENCE TO: ARNOLD & PORTER LLP Attn: IP Docketing 555 Twelfth Street, N.W. Washington, DC 20004 Tel.: 202-942-5000 Fax: 202-942-5999					
			Filed: <u>August 22, 2006</u>		
			SIGNATURE  David R. Marsh/Thomas E. Holsten		
			NAME 41,408/46,098		
			REGISTRATION NUMBER		

ARNOLD & PORTER LLP

Thomas E. Holsten
Thomas.Holsten@aporter.com

202.942.5085
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555 Twelfth Street, NW
Washington, DC 20004-1206

August 22, 2006

Mail Stop PCT

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Re: U.S. National Phase Application
Based on International Application No. PCT/EP2005/001897
International Filing Date: 23 February 2005
Appln. No.: To Be Assigned
Filed: Herewith
Title: Methods for Genetic Diversification in Gene Conversion Active Cells
Applicants: Jean-Marie BUERSTEDDE *et al.*
Atty. Docket: P30753US00

Sir:

The following documents are forwarded herewith for appropriate action by the United States Receiving Office (RO/US):

1. Transmittal Letter to the United States Designated/Elected Office (DO/EO/US)
Concerning a Filing Under 35 U.S.C. 371 (in duplicate);
2. an English translation of the Published International Application entitled:
Methods for Genetic Diversification in Gene Conversion Active Cells
and naming as inventors:
Jean-Marie BUERSTEDDE and Hiroshi ARAKAWA;
the application consisting of:
 - a. a specification containing:
 - (i) 21 pages of a description prior to the claims;
 - (ii) 4 pages of claims;
 - (iii) a one page abstract; and
 - (iv) 7 pages of drawings (Figures 1-7);

ARNOLD & PORTER LLP

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Atty. Dkt.: P30753US00
August 22, 2006
Page 2

3. a Preliminary Amendment;
4. a Combined Declaration and Power of Attorney for Patent Application;
5. a copy of Form PCT/IB/304 (Notification Concerning Submission or Transmittal of Priority Document);
6. a copy of Form PCT/IB/308 (First Notice Informing the Applicant of the Communication of the International Application to the Designated Offices);
7. a copy of Form PCT/IB/308 (Second and Supplementary Notice Informing the Applicant of the Communication of the International Application); and
8. two (2) return postcards.

Applicants request that \$2,150.00 for the following fees be charged to Deposit Account No. 50-2387, referencing matter number P30753US00:

\$1,000.00	basic filing fee
\$1,150.00	excess claims fee.

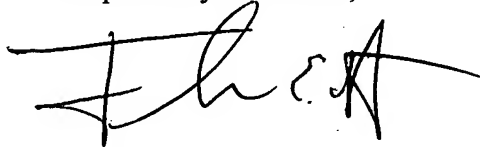
Please stamp one of the two attached postcards with the filing date of these documents and return it to our courier, and stamp the other prepaid postcard with the filing date and unofficial application number and return it as soon as possible.

ARNOLD & PORTER LLP

Commissioner for Patents
Atty. Dkt.: P30753US00
August 22, 2006
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In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned. Applicants do not believe any fees, other than the above fees (\$2,150.00) are due in conjunction with this filing. However, if any additional fees are required in the present application, including any fees for extensions of time, then the Commissioner is hereby authorized to charge such fees to Arnold & Porter LLP Deposit Account No. 50-2387, referencing matter number P30753US00. A duplicate of this letter is enclosed.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "D. Marsh", with a stylized flourish at the end.

David R. Marsh (Reg. No. 41,408)

Thomas E. Holsten (Reg. No. 46,098)

Attachments